

SUSTAINED RELEASE OINTMENT FOR ORAL CAVITY

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Abstract of JP7089847

PURPOSE:To obtain a sustained release ointment for oral cavity, useful for treating periodontal diseases, etc., by blending a hydrophilic ointment base with a polyhydric alcohol, a tacky substance, a metal compound containing aluminum as a component and a medicine. **CONSTITUTION:**This ointment contains 50-95wt.% of a hydrophilic ointment base (e.g. gelatinized hydrocarbon), 0.1-10wt.% of a polyhydric alcohol (e.g. propylene glycol), 5-50wt.% of a tacky substance (e.g. hydroxypropylmethylcellulose), 0.1-10wt.% of a metal compound (e.g. aluminum potassium sulfate) containing aluminum as a component and a medicine. A compound, etc., of the formula [R<1> is a lower alkyl, a lower alkenyl, aryl, etc.; R<2> is H, halogen, a lower alkyl, etc.; R<3> is cycloalkyl, vinyl, etc.; =A- is =N-, etc.; =B- is =N-, etc.] is blended as the medicine in a proper amount. This ointment is a preparation having good elution, capable of releasing the medicine over a long period and being extremely high in utilization ratio of the medicine and capable of administering also to periodontal pocket.

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